

Appln. No.: 10/723,627
Amdt. Dated: July 7, 2004
Reply to Office action of April 29, 2004

IN THE CLAIMS:

Please amend the claims as follows:

1. **(Currently amended)** A mobile base assembly for supporting equipment [[18]] **(18)** for movement over a support surface [[16]] **(16)**, said assembly comprising:

 a frame [[14]] **(14)**;

 a plurality of wheels [[12]] **(12)** attached to said frame [[14]] **(14)** for movably supporting said frame [[14]] **(14)** on the support surface [[16]] **(16)**;

 an anchor mechanism [[10]] **(10)** for lifting said wheels [[12]] **(12)** from the support surface [[16]] **(16)** and anchoring said frame [[14]] **(14)** to the support surface [[16]] **(16)**, said mechanism [[10]] **(10)** comprising;

 at least one plate [[(20 or 22)]] **(20 or 22)** attached to said frame [[14]] **(14)**,

 an anchor member [[34]] **(34)** pivotally mounted on said plate for pivotal movement between an anchor position and a retracted position and presenting a foot flange **(50)**,

 a foot [[40]] **(40)** attached to said foot flange **(50)** of said anchor member [[34]] **(34)** and having a base [[42]] **(42)** for engaging the support surface [[16]] **(16)** in said anchor position,

 a biasing member [[60]] **(60)** for reacting between said plate and said anchor member [[34]] **(34)** to bias said anchor member [[34]] **(34)** to pivot to said retracted position,

 a lever [[70]] **(70)** pivotally mounted on said plate for movement between said anchor and retracted positions, and

 a cam [[72]] **(72)** on said lever [[70]] **(70)** for engaging and pivoting said

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anchor member [[34]] (34) against the biasing reaction of said biasing member [[60]] (60) from said retracted position to said anchor position in response to said lever [[70]] (70) being moved from said retracted position to said anchor position.

2. **(Currently amended)** An assembly as set forth in claim 1 wherein said anchor member [[34]] (34) includes top [[46]] (46) and bottom [[48]] (48) edges and presents a cam flange [[56]] (56) extending laterally from said top edge [[48]] (46) thereof toward said at least one [[inner]] plate [[20]] (20) for engaging said cam [[72]] (72) on said lever [[70]] (70) for pivoting said anchor member [[34]] (34).

3. **(Currently amended)** An assembly as set forth in claim 2 wherein said ~~anchor member 34 presents a~~ foot flange [[50]] (50) [[extending]] extends laterally from said bottom edge [[48]] (48), and ~~attached to~~ said foot [[40]] (40) threadedly engages said foot flange (50).

4. **(Currently amended)** An assembly as set forth in claim 3 wherein said at least one plate includes inner [[20]] (20) and outer [[22]] (22) plates in spaced parallel relationship to one another, a first pin [[30]] (30) extending between said plates [[20, 22]] (20, 22) and pivotally mounting said anchor member [[34]] (34) between said plates [[20, 22]] (20, 22) for pivotal movement between said anchor position and said retracted position.

5. **(Currently amended)** An assembly as set forth in claim 4 wherein said outer plate [[22]] (22) defines a recess [[52]] (52) therein for receiving said foot flange [[50]]
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(50) in said retracted position.

6. **(Currently amended)** An assembly as set forth in claim 4 wherein said anchor member [[34]] **(34)** presents a guide flange [[54]] **(54)** spaced along said bottom edge [[48]] **(48)** from said foot flange [[50]] **(50)** and extending laterally from said bottom edge [[48]] **(48)** thereof to a distal edge adjacent said inner plate [[20]] **(20)**.

7. **(Currently amended)** An assembly as set forth in claim 5 wherein said foot flange [[50]] **(50)** extends laterally from said bottom edge [[48]] **(48)** of said anchor member [[34]] **(34)** to a distal edge underlying said outer plate [[22]] **(22)**, said foot [[40]] **(40)** supported by said foot flange [[50]] **(50)** outside of said outer plate [[22]] **(22)**.

8. **(Currently amended)** An assembly as set forth in claim 4 including a lever pin [[66]] **(66)** extending between said plates [[20]] **(20)**, [[22]] **(22)** above said anchor member [[34]] **(34)**, said lever [[70]] **(70)** being pivotally mounted on said lever pin [[66]] **(66)** between said plates [[20]] **(20)**, [[22]] **(22)** for movement between said anchor and retracted positions.

9. **(Currently amended)** An assembly as set forth in claim 4 including a spring stop [[58]] **(58)** extending inwardly from said inner plate [[20]] **(20)**, said biasing member comprising a coiled spring [[60]] **(60)** coiled around said first pin [[30]] **(30)** and having a first arm [[62]] **(62)** disposed under said cam flange [[56]] **(56)** and a second arm [[64]] **(64)** engaging said spring stop [[58]] **(58)** to react between said inner plate [[20]] **(20)**

and said anchor member [[34]] (34) to bias said anchor member [[34]] (34) to pivot to said retracted position.

10. **(Currently amended)** A mobile base assembly for supporting equipment [[18]] (18) for movement over a support surface [[16]] (16), said assembly comprising:

a frame [[14]] (14);

a plurality of wheels [[12]] (12) attached to said frame [[14]] (14) for movably supporting said frame [[14]] (14) on the support surface [[16]] (16);

an anchor mechanism [[10]] (10) for lifting said wheels [[12]] (12) from the support surface [[16]] (16) and anchoring said frame [[14]] (14) to the support surface [[16]] (16), said mechanism [[10]] (10) comprising;

an inner plate [[20]] (20) containing a first set of spacer holes [[24]] (24),

an outer plate [[22]] (22) containing a second set of spacer holes [[26]] (26) for alignment with said first set of spacer holes [[24]] (24) of said inner plate [[20]] (20),

a plurality of cylindrical spacers [[28]] (28) disposed between said plates [[20, 22]] in alignment with said spacer holes [[24, 26]] (24, 26) for spacing said plates [[20, 22]] (20, 22) in spaced parallel relationship to one another,

a plurality of pins [[30, 36]] (30, 36) extending through said aligned spacer holes [[24, 26]] (24, 26) and said spacers [[28]] (28) and into said frame [[14]] (14) for maintaining said plates [[20, 22]] (20, 22) in said parallel relationship and attached to said frame [[14]] (14) with said inner plate [[20]] (20) disposed adjacent to said frame [[14]] (14).

an anchor member [[34]] (34) having top [[46]] (46) and a bottom [[48]] (48) edges and pivotally mounted on a first [[30]] (30) of said pins between said plates [[20, 22]] (20, 22) for pivotal movement between an anchor position and a retracted position,

said anchor member [[34]] (34) presenting a foot flange [[50]] (50) extending laterally from said bottom edge [[48]] (48) thereof to a distal edge underlying said outer plate [[22]] (22) and defining a threaded hole disposed outside of said outer plate [[22]] (22),

said anchor member [[34]] (34) presenting a guide flange [[54]] (54) spaced along said bottom edge [[48]] (48) from said foot flange [[50]] (50) and extending laterally from said bottom edge [[48]] (48) thereof to a distal edge adjacent said inner plate [[20]] (20),

said outer plate [[22]] (22) having a recess [[52]] (52) therein for receiving said foot flange [[50]] (50) in said retracted position,

a foot [[40]] (40) having a base [[42]] (42) for engaging the support surface [[16]] (16) in said anchor position and a threaded shaft [[44]] (44) engaging said threaded hole in said foot flange [[50]] (50),

said anchor member [[34]] (34) presenting a cam flange [[56]] (56) extending laterally from said top edge [[46]] (46) thereof toward said inner plate [[20]] (20),

a spring stop [[58]] (58) extending inwardly from said inner plate [[20]] (20),

a spring [[60]] (60) coiled around said first pin [[30]] (30) and having a first arm [[62]] (62) disposed under said cam flange [[56]] (56) and a second arm [[64]] (64) engaging said spring stop [[58]] (58) to react between said inner plate [[20]] (20) and said anchor member [[34]] (34) to bias said anchor member [[34]] (34) to pivot to said retracted

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position,

a lever pin [[66]] (66) extending between said plates [[20, 22]] (20, 22) above said anchor member [[34]] (34),

a lever [[70]] (70) pivotally mounted on said lever pin [[66]] (66) between said plates [[20, 22]] (20, 22) for movement between said anchor and retracted positions, and

a cam [[72]] (72) on said lever [[70]] (70) for engaging said cam flange [[56]] (56) and pivoting said anchor member [[34]] (34) against the biasing reaction of said spring [[60]] (60) from said retracted position to said anchor position in response to said lever [[70]] (70) being moved from said retracted position to said anchor position.

11. **(Currently amended)** An anchor mechanism [[10]] (10) for anchoring a frame [[14]] (14) normally supported by wheels [[12]] (12) to a support surface [[16]] (16), said mechanism [[10]] (10) comprising;

at least one plate [[20 or 22]] (20 or 22) for attachment to said frame [[14]] (14),

an anchor member [[34]] (34) pivotally mounted on said plate for pivotal movement between an anchor position and a retracted position and presenting a foot flange (50) extending laterally,

a foot [[40]] (40) attached to said foot flange (50) of said anchor member [[34]] (34) and having a base [[42]] (42) for engaging the support surface [[16]] (16) in said anchor position,

a biasing member [[60]] (60) for reacting between said plate and said anchor

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member [[34]] (34) to bias said anchor member [[34]] (34) to pivot to said retracted position,

a lever [[70]] (70) pivotally mounted on said plate for movement between said

anchor and retracted positions, and

a cam [[72]] (72) on said lever [[70]] (70) for engaging and pivoting said anchor member [[34]] (34) against the biasing reaction of said biasing member [[60]] (60) from said retracted position to said anchor position in response to said lever [[70]] (70) being moved from said retracted position to said anchor position.

12. **(Currently amended)** A mechanism An assembly as set forth in claim

11 wherein said anchor member [[34]] (34) includes top [[46]] (46) and bottom [[48]] (48) edges and presents a cam flange [[56]] (56) extending laterally from said top edge [[46]] (46) thereof toward said [[inner]] at least one plate [[20]] (20) for engaging said cam [[72]] (72) on said lever [[70]] (70) for pivoting said anchor member [[34]] (34).

13. **(Currently amended)** A mechanism An assembly as set

forth in claim 12 wherein said anchor member ~~34~~ presents a foot flange [[50]] (50) [[extending]] extends laterally from said bottom edge [[48]] (48) and ~~attached to~~ attached to said foot [[40]] (40) threadedly engages said foot flange (50).

14. **(Currently amended)** A mechanism An assembly as set forth in claim

13 wherein said at least one plate includes inner [[20]] (20) and outer [[22]] (22) plates in spaced parallel relationship to one another, a first pin [[30]] (30) extending between said plates [[20, 22]] (20, 22) and pivotally mounting said anchor member [[34]] (34) between

said plates [[20, 22]] (20, 22) for pivotal movement between said anchor position and said retracted position.

15. **(Currently amended)** A mechanism An assembly as set forth in claim 14 wherein said outer plate [[22]] (22) defines a recess [[52]] (52) therein for receiving said foot flange [[50]] (50) in said retracted position.

16. **(Currently amended)** A mechanism An assembly as set forth in claim 14 wherein said anchor member [[34]] (34) presents a guide flange [[54]] (54) spaced along said bottom edge [[48]] (48) from said foot flange [[50]] (50) and extending laterally from said bottom edge [[48]] (48) thereof to a distal edge adjacent said inner plate [[20]] (20).

17. **(Currently amended)** A mechanism An assembly as set forth in claim 15 wherein said foot flange [[50]] (50) extends laterally from said bottom edge [[48]] (48) of said anchor member [[34]] (34) to a distal edge underlying said outer plate [[22]] (22), said foot [[40]] (40) supported by said foot flange [[50]] (50) outside of said outer plate [[22]] (22).

18. **(Currently amended)** A mechanism An assembly as set forth in claim 14 including a lever pin [[66]] (66) extending between said plates [[20, 22]] (20, 22) above said anchor member [[34]] (34), said lever [[70]] (70) being pivotally mounted on said lever pin [[66]] (66) between said plates [[20, 22]] (20, 22) for movement between said anchor and retracted positions.

19. **(Currently amended)** A mechanism An assembly as set forth in claim 14 including a spring stop [[58]] (58) extending inwardly from said inner plate [[20]] (20), said biasing member comprising a coiled spring [[60]] (60) coiled around said first pin [[30]] (30) and having a first arm [[62]] (62) disposed under said cam flange [[56]] (56) and a second arm [[64]] (64) engaging said spring stop [[58]] (58) to react between said inner plate [[20]] (20) and said anchor member [[34]] (34) to bias said anchor member [[34]] (34) to pivot to said retracted position.

20. **(Currently amended)** An anchor mechanism [[10]] (10) for lifting the wheels [[12]] (12) supporting a frame [[14]] (14) from a support surface [[16]] (16) and anchoring the frame [[14]] (14) to the support surface [[16]] (16), said mechanism [[10]] (10) comprising;

an inner plate [[20]] (20) containing a first set of spacer holes [[24]] (24),

an outer plate [[22]] (22) containing a second set of spacer holes [[26]] (26) for alignment with said first set of spacer holes [[24]] (24) of said inner plate [[20]] (20),

a plurality of cylindrical spacers [[28]] (28) disposed between said plates [[20, 22]] (20, 22) in alignment with said spacer holes [[24, 26]] (24, 26) for spacing said plates [[20, 22]] (20, 22) in spaced parallel relationship to one another,

a plurality of pins [[30, 36]] (30, 36) extending through said aligned spacer holes [[24, 26]] (24, 26) and said spacers [[28]] (28) for maintaining said plates [[20, 22]] (20, 22) in said parallel relationship,

an anchor member [[34]] (34) having top [[46]] (46) and a bottom [[48]] (48)

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edges and pivotally mounted on a first [[30]] (30) of said pins between said plates [[20, 22]]

(20, 22) for pivotal movement between an anchor position and a retracted position,

 said anchor member [[34]] (34) presenting a foot flange [[50]] (50) extending laterally from said bottom edge [[48]] (48) thereof to a distal edge underlying said outer plate [[22]] (22) and defining a threaded hole disposed outside of said outer plate [[22]] (22),

 said anchor member [[34]] (34) presenting a guide flange [[54]] (54) spaced along said bottom edge [[48]] (48) from said foot flange [[50]] (50) and extending laterally from said bottom edge [[48]] (48) thereof to a distal edge adjacent said inner plate [[20]] (20),

 said outer plate [[22]] (22) having a recess [[52]] (52) therein for receiving said foot flange [[50]] (50) in said retracted position,

 a foot [[40]] (40) having a base [[42]] (42) for engaging the support surface [[16]] (16) in said anchor position and a threaded shaft [[44]] (44) engaging said threaded hole in said foot flange [[50]] (50),

 said anchor member [[34]] (34) presenting a cam flange [[56]] (56) extending laterally from said top edge [[46]] (46) thereof toward said inner plate [[20]] (20),

 a spring stop [[58]] (58) extending inwardly from said inner plate [[20]] (20),

 a spring [[60]] (60) coiled around said first pin [[30]] (30) and having a first arm [[62]] (62) disposed under said cam flange [[56]] (56) and a second arm [[64]] (64) engaging said spring stop [[58]] (58) to react between said inner plate [[20]] (20) and said anchor member [[34]] (34) to bias said anchor member [[34]] (34) to pivot to said retracted position,

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a lever pin [[66]] (66) extending between said plates [[20, 22]] (20, 22) above said anchor member [[34]] (34),

a lever [[70]] (70) pivotally mounted on said lever pin [[66]] (66) between said plates [[20, 22]] (20, 22) for movement between said anchor and retracted positions, and

a cam [[72]] (72) on said lever [[70]] (70) for engaging said cam flange [[56]] (56) and pivoting said anchor member [[34]] (34) against the biasing reaction of said spring [[60]] (60) from said retracted position to said anchor position in response to said lever [[70]] (70) being moved from said retracted position to said anchor position.